

# LOUISIANA

## Science and Engineering Profile

	Louisiana	U.S.	Rank		Louisiana	U.S.	Rank
Doctoral scientists, 1993	4,914	430,332	26	Total R&D performance, 1993 (millions)	\$470	\$161,427	35
Doctoral engineers, 1993	873	81,293	28	Industry R&D, 1993 (millions)	\$170	\$117,622	41
S&E doctorates awarded, 1995	300	26,482	26	Academic R&D, 1994 (millions)	\$269	\$20,573	26
of which, in life sciences	34%	24%		of which, in life sciences	63%	55%	
in engineering	17%	23%		in engineering	14%	16%	
in math & computer sciences	13%	8%		in environmental sciences	8%	7%	
S&E postdoctorates, 1994				Higher education current-fund			
in doctorate-granting institutions	336	36,143	26	expenditures, 1993 (millions)	\$2,473	\$163,994	23
S&E graduate students, 1994				Number of SBIR awards, 1990-94	54	18,023	32
in doctorate-granting institutions	5,992	438,694	25	Patents issued to state residents, 1995	370	55,717	31
Population, 1995 (000s)	4,342	262,755	21	Gross state product, 1992 (billions)	\$96.2	\$5,994.1	22
Civilian labor force, 1995 (000s)	1,956	132,281	24	of which, agriculture	1%	2%	
Personal income per capita, 1995	\$18,827	\$22,788	40	manufacturing, mining, construction	35%	23%	
Federal spending				transportation, communication, utilities	10%	9%	
Total expenditures, 1995 (millions)	\$22,437	\$1,326,294	20	wholesale and retail trade	13%	16%	
R&D obligations, 1994 (millions)	\$205	\$65,654	36	finance, insurance, real estate	14%	18%	
				services	15%	20%	
				government	11%	12%	

Rankings and totals are based on data for the 50 States and D.C.

Data on S&E postdoctorates and S&E graduate students include health fields.

### Federal Obligations for Research and Development in Louisiana by Agency and Performer: Fiscal Year 1994

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
<b>Total, all agencies</b>	205,055	49,604	0	40,037	111,073	1,976	2,365	36
<b>Department of Agriculture</b>	33,856	24,997	0	0	8,859	0	0	15
<b>Department of Commerce</b>	2,365	793	0	0	1,563	0	9	29
<b>Department of Defense</b>	62,754	5,661	0	32,887	24,206	0	0	30
<b>Department of Energy</b>	6,487	260	0	2,726	3,501	0	0	37
<b>Dept. of Health &amp; Human Services</b>	60,718	2,271	0	337	55,649	1,976	485	29
<b>Department of the Interior</b>	17,792	15,582	0	141	2,069	0	0	11
<b>Department of Transportation</b>	1,470	0	0	20	195	0	1,255	39
<b>Environmental Protection Agency</b>	2,409	0	0	0	2,409	0	0	22
<b>Nat'l Aeronautics &amp; Space Admin.</b>	5,856	40	0	3,297	2,314	0	205	34
<b>National Science Foundation</b>	11,348	0	0	629	10,308	0	411	31
<b>State rank</b>	36	33	na	35	29	42	31	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.